

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**Date of Reporting: 22-Mar-16
System Reliability Indices Report for: 21-Mar-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	9	2.25	9.38
4	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 21-Mar-2016

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	788	756	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	765	739	751
	Moga	0.00%	100.00%	0.00%	0.00%	800	2	782
	Phagi	0.00%	100.00%	0.00%	0.00%	781	758	768
WR	Aurangabad	0.00%	98.68%	1.32%	1.32%	808	764	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	763	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	758	773
	Sholapur	0.00%	85.14%	14.86%	14.86%	814	757	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	759	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	769	782
	Raichur	0.00%	91.04%	8.96%	8.96%	809	765	789
	Thiruvalam	0.00%	73.89%	26.11%	26.11%	806	776	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	770	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	771	781
NER	Balipara (400 kV)	0.00%	96.74%	3.26%	3.26%	432	381	404
	Bongaigaon (400 kV)	1.04%	98.89%	0.07%	1.11%	421	378	404
	Silchar (400 kV)	0.00%	92.78%	7.22%	7.22%	423	393	412

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.